SYTSKO, P.A., dotsent (Gomel'); GUTKOVSKIY, V.A., dotsent (Gomel')

Improved efficiency in the utilization of locomotives. Zhel. dor. transp. 46 no.8:21-26 Ag '64. (MIRA 17:11)

TIKHOMIROV, I.G., prof., doktor tekhn. nauk (Gomel'); SYSKO, P.A., dotsent (Gomel')

Increasing the speed and weight of freight trains on single-track lines. Zhel. dor. transp. 47 no.3:31-35 Mr '65. (MIRA 18:5)

SYTSYANKO, G. A.

SYTSYANKO, G. A.: "A forensic-medical analysis of deviations in diagnosis and medical tactics in extra-uterine pregnancy." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow. 1956. (DISSERTATION FOR THE DEGREE OF CANDIDATE IN MEDICAL SCIENCE).

Knizhnaya letopis'
No. 35, 1956. Moscow

SYTSYANKO, G.A.

Errors in the diagnosis and treatment of ectopic pregnancy; according to materials from forensic medicine. Akush.i gin. 33 no.2: 63-65 Mr-Ap '57. (MLRA 10:6)

1. Iz Nauchno-issledovatel'skogo instituta sudebnoy meditsiny (dir. - prof. V.I.Prozorovskiy) Ministerstva zdravookhraneniya SSSR.

(PREGNANCY, ECTOPIC
errors in diag. & ther., legal aspect of physician's responsibility)
(JURISPRUDENCE, MEDICAL
errors in diag. & ther. of ectopic pregn.)

PROZOROVSKIY, V.I., prof.; SYTSYANKO, G.A., kand.med.nauk (Moskva)

Case history as a legal document. Sov.zdrav. 18 no.11:47-51 '59.
(MIRA 13:3)

1. Iz Nauchno-issledovatel'skogo instituta sudebnoy meditsiny Ministerstva zdravookhraneniya SSSR.
(MEDICAL RECORDS jurisprudence)

SYTSYANKO, G.A.

Joint Session of the Scientific Councils of the Institute of Neurosurgery of the Academy of Medical Sciences of the U.S.S.R., Institute of Neurology of the Academy of Medical Sciences of the U.S.S.R. and Institute of Forensic Medicine of the Ministry of Public Health of the U.S.S.R. Sud.-med. ekspert. 8 no.2:51-53 Ap-Je '65. (MIRA 18:8)

SYTYKH, L. M. PA 62T25

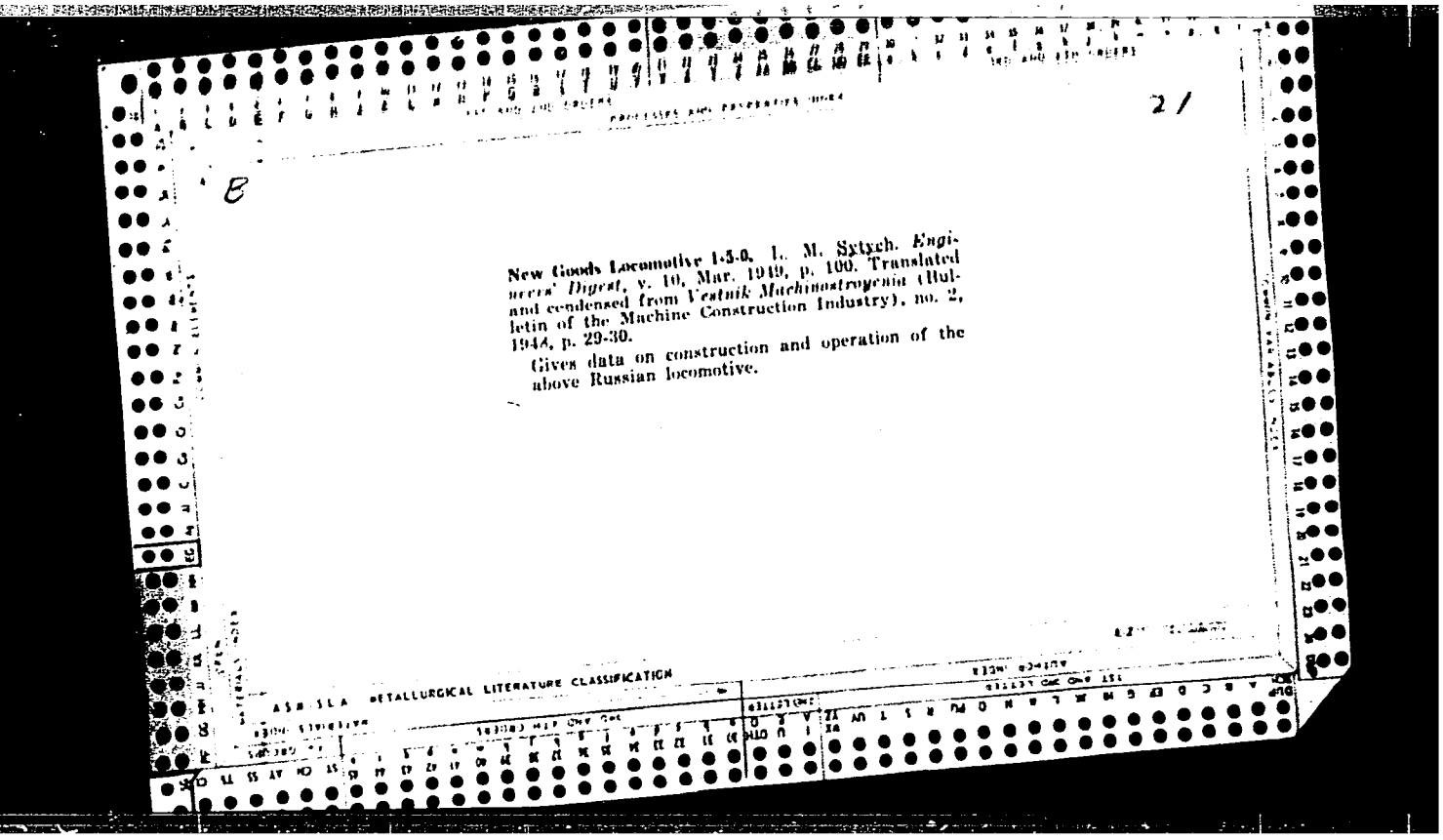
USSR/Engineering Feb 1948
Locomotives, Steam

"The Series L, 1-5-0 Freight Locomotive," L. M. Sytykh, Engr, 1½ pp

"Vest Mash" No 2

Briefs performance of subject locomotive produced by Kolomensk Locomotive Works imeni V. V. Kuybyshev. Locomotive designed by Lebedyanskiy. Boiler has operating pressure of 14 kg per sq cm with steam temperatures of 380-410°.

62T25



B

2/

New Goods Locomotive 1-5-0. L. M. Sytch. *Engineers' Digest*, v. 10, Mar. 1949, p. 100. Translated and condensed from *Vestnik Machinostroyenia* (Bulletin of the Machine Construction Industry), no. 2, 1948, p. 29-30.

Gives data on construction and operation of the above Russian locomotive.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

SYTYKH, L.M.

USSR/Engineering—Locomotive construction

Card 1/1 : Pub. 128—3/33

Authors : Sytykh, L. M., Engineer

Title : Roller bearings for locomotive of the L series

Periodical : Vest. mash. 34/8, 16-22, Aug 1954

Abstract : A description is given of the construction of experimentall freight locomotives of the L series, by the Kolomna Locomotive Works, together with an analysis of the experimentation, the operation of the locomotives and their repair. These locomotives are being equipped with roller bearings. Details of these bearings include their construction and method of lubrication, along with data compiled from tests made of their operation. Drawings; illustrations.

Institution : .....

Submitted : .....

AID P-4302

Subject : USSR/Engineering

Card 1/1 Pub. 128 - 2/26

Author : Sytykh, L. M., Engineer

Title : Sealing construction of roller axle boxes

Periodical : Vest. mash., #3, p. 13-17, Mr 1956

Abstract : The problem of adequate sealing of roller axle boxes for wheels of RR cars and locomotives is discussed and various designs of such boxes are shown. Diagrams, photos.

Institution : None

Submitted : No date

SYTYKH, L.M., inzhener.

The VEN-O electric shears. Vest.mash.36 no.7:69 Jl '56.
(Shears (Machine tools)) (MLRA 9:9)

PETROV, L.A.; SYTYY, G.F.

Changing parameters of the p-n-p alloy-type germanium triodes depending on the material and working point. Poluprov. prib. i ikh prim. no.2:149-160 '57. (MIRA 11:6)
(Transistors)

PETROV, L.A.; SYTYY, G.F.

Effect of germanium resistivity on the temperature dependence of junction-triode parameters. Poluprov. prib. i ikh prim. no.2:161-168 '57. (MIRA 11:6)
(Transistors) (Electric resistance)

KOPYLOVSKIY, B.D.; SYTYY, G.F.

Measuring the modulus and phase of the current amplification factor of junction crystal triodes at high frequency. Poluprov. prib. i prim. no.2:331-339 '57. (MIRA 11:6)
(Transistors--Measurements)

VALITOV, Rafkat Amirkhanovich, prof.; TARASOV, Vladislav Lukich; SHISHKIN, Leonid Adrianovich; TSARENKO, Viktor Timofeyevich; FILONENKO, Sergey Nikonovich; DOMANOVA, Yelena Alekseyevna; BARKANOV, Nikolay Arsent'yevich; SYTYY, Gennadiy Fedorovich; KURILOVA, T.M., red.; TROFIMENKO, A.S., tekhn. red.

[Measurement of transistor parameters] Izmereniia parametrov poluprovodnikovykh triodov. Khar'kov, Izd-vo Khar'kovskogo Gos. univ. im. A.M.Gor'kogo, 1960. 193 p. (MIRA 14:8)
(Transistors)

VALITOV, Rafkat Amirkhanovich, prof.; TARASOV, Vladislav Lukich; SHISHKIN, Leonid Adrianovich; TSARENKO, Viktor Timofeyevich; FILONENKO, Sergey Nikonovich; DOMANOVA, Yelena Alekseyevna; BARKANOV, Nikolay Arsent'yevich; SYTYY, Gennadiy Fedorovich; KURILOVA, T.M., red.; TROFIMENKO, A.S., tekhn. red.

[Measurement of transistor parameters] Izmereniia parametrov poluprovodnikovykh triodov. Pod red. R.A.Valitova. Khar'kov, Izd-vo Khar'kovskogo univ., 1960. 193 p. (MIRA 16:3)
(Transistors)

84-58-6-25/59

AUTHOR: Sytyy, I.

TITLE: ~~Supervising~~ the Work of Crews on Operating Airstrips (Kontrol' za rabotoy ekipazhey na operativnykh aerodromakh)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 6, pp 24-25 (USSR)

ABSTRACT: The author, commander of the most advanced operational unit of agricultural aviation in Krasnodar Oblast, relates the methods in checking the work teams based on widely-dispersed operational bases and airfields. A close supervision of all phases of operations by the command staff appears to be the main means of attaining effective operation.

1. Agriculture--USSR 2. Aircraft--Applications 3. Personnel--Work functions

Card 1/1

SYTYY, I. (Krasnodar)

It is time for a change. Grazhd.av. 19 no.9:9-10 S '62.
(MIRA 16:1)
(Krasnodar Territory--Aeronautics in agriculture)

SYTYY, Ivan

Fifteen Kuban springs. Grazhd. av. 21 no.5:2-3 My '64.
(MIRA 18:4)

SYTYY, M., kand.tekhn.nauk

Roar of peaceful explosions. Nauka i zhyttia 12 no.10:43 O '62. (MIRA 16:1)
(Ukraine--Drainage) (Blasting)

BIRETTO, V.K., inzh.; SYTYY, M.M. [Sytyi, M.M.], kand.tekhn.nauk

By means of explosions. Nauka i zhyttia 9 no.3:26 Mr '59.
(MIRA 12:4)

(Dnepropetrovsk--Gas, Natural--Pipelines)

SYTYY, N.M.

Blasting method for baring the Neriungrinsk coal deposit.
Ugol' Ukr. 4 no.5:47 My '60. (MIRA 13:8)
(Yakutia--Coal mines and mining)

SYTYY, N.M., kand. tekhn. nauk; BIRETTO, V.K., inzh.

Using explosives in subaqueous trenching of pipelines. Stroi. truboprov. 3 no.8:22-26 Ag '58. (MIRA 11:11)
(Gas, Natural--Pipelines) (Explosives)

UDOVENKO, I., gvardii leytenant; SYTYY, N., kand.tekhn.nauk; GUSAROV, V., polkovnik.

Making shaft pits with explosives. Voen.-inzh.zhur. 101 no.12:28-35 D '57. (MIRA 10:12)
(Fortifications) (Explosives, Military)

SYTYY, N., kandidat tekhnicheskikh nauk (Kiyev).

Blast-hole wells. Tekh.mol.23 no.1:12-13 Ja'55. (MLRA 8:3)
(Wells)

SYTYY, N.M.; BABINETS, A.Ye.

Using the method of blasting in constructing water supply wells. [Suggested by N.M. Sytyi, A.E. Babinets]. Rats.i izobr.predl.v stroi. no.148:17-19 '56. (MLRA 10:5)

(Wells)

BIRETTO, B.K. (Kiyev); SYTYY, N.M. (Kiyev)

Installing pipe siphons across the Dnieper and Samara rivers by means of blasting. Vod. i san.tekh. no.11:19-24 N '58. (MIRA 11:12)

(Dnieper River--Gas pipes) (Samara River--Gas pipes)

SYTYY, N.M., kandidat tekhnicheskikh nauk.

Using explosives to construct mine shafts and wells. Transp.stroi. 6 no.9:15-17 S '56. (MLRA 9:11)
(Blasting)

S/081/63/000/004/030/051
B149/B186

AUTHOR: Sytyi, N. M.

TITLE: The problem of detonation excitability and explosive properties of pyroxylin powders mixed with liquid fillers

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 4, 1963, 504, abstract 4N379 (In collection: Vzryvnoye delo, no. 49/6, M., Gosgortekhizdat, 1962, 89 - 97)

TEXT: Pyroxylin powder charges detonate when the spaces between the granules and the channels within them are filled with fluid (water or saturated salt solutions). On prolonged immersion in water the latter penetrates within the powder granules and lowers their sensitivity to detonation. The ST (VT) type powder (water content of the charge: 42-58%) continues to detonate during the first 5 hrs after preparation in response to exploding one primer cap (PC) No. 8. After 5 hrs, 2 PC are required for detonating this charge and after 26 hr - 3 PC. If saturated salt solutions (NH_4NO_3, NaCl, $CaCl_2$ etc.) are used instead of water the sensitivity to detonation, brisance and efficiency of the charges remain unchanged even when the powders are

Card 1/2

The problem of detonation...

kept in such solutions for about a year. The use of an excessively strong intermediate detonator for pyroxylin powders may sometimes be unfavorable; the author explains this by disruption of the charge before the detonation wave reaches it. The best intermediate detonator for powders long immersed in water is a charge of the same powder but of lower moisture content and freshly filled with filler. [Abstracter's note: Complete translation.]

2/2

SYUBARAVY, A.Ye.; SYUBARAVY, E.P.

Academician V.V. Pashkevich and his work in the field of fruit culture in White Russia. Vestsi AN BSSR. Ser. biial. nav. no.4: 117-121 '56. (MIRA 10:6)

(Pashkevich, Vasillii Vasil'evich, 1857-1939)

SYUBAROV, AlekseyYefimovich; SYUBAROVA, Emma Petrovna; KHABENKO, Kirill Kalinkovich; VOLUZNEV, Anatoliy Grigor'yevich. Prinimal uchastiye MIKHNEVICH, N.I., mladshiy sotr.; KAZACHENOK, V., red.; KALECHITS, G., tekhn. red.

[Promising fruit and berry varieties of the White Russian S.S.R. and their regional adaptation] Raionirovannye i perspektivnye sorta plodovykh i iagodnykh kul'tur Belorusskoi SSR. By A.E.Siubarov i dr. Minsk, Gos. izd-vo BSSR. Red. sel'khoz. lit ry, 1960. 321 p. (MIRA 14:9)

(White Russia—Fruit—Varieties)

DOROZHKIN, N.A., akademik, red.; POLYANSKAYA. A.M., kand. sel'-khoz. nauk, red.; AL'SMIK, P.I. red.; AMBROSOV, A.L., red., kand. sel'khoz. nauk; SYUBAROV, A.Ye., kand. biol. nauk, red.; BALOBIN, V.N., kand. biol. nauk; LAZARCHIK, K., red.

[Ways of increasing the yield of fruit and berry crops] Puti povysheniia urozhainosti plodovo-iagodnykh kul'tur. Minsk, Izd-vo "Urozhai," 1963. 210 p. (MIRA 17:6)

1. Belorusskiy nauchno-issledovatel'skiy institut plodovodstva, ovoshchevodstva i kartofelya. 2. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Al'smik).

L 8169-66 EWA(h)/EWT(1)

ACC NR: AP5025688 SOURCE CODE: UR/0286/65/000/018/0037/0037

19

AUTHOR: Syubarov, V. Z.

ORG: none

TITLE: A method for determining the number of the defective stage in multistage electronic devices. Class 21, No. 174666 /announced by Leningrad Military Engineering Krasnoznamennaya Academy im. A. F. Mozhayskiy (Leningradskaya voyennaya inzhenernaya krasnoznamennaya akademiya)/

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 18, 1965, 37

TOPIC TAGS: electronic circuit barrier, electronic signal surveillance, frequency analysis, frequency divider

ABSTRACT: This Author Certificate presents a method for determining the number of the defective stage in multistage electronic devices. The method is based on a study of the signal parameters at the output of the device. It is intended for determining the failure stage number in a frequency divider constructed of self-exciting stages which operate in a multiple synchronization mode, each stage with a different coefficient of division. The breakdown of the synchronization mode is

UDC: 621.374.32:621.317.361

Card 1/2

L 8169-66
ACC NR: AP5025688 0

determined by the change of frequency of the output signal. The number of the stage which has failed is found by comparing the frequency value of this signal with previously calculated frequencies which correspond to a breakdown of the synchronization mode of different stages of the divider.

SUB CODE: EC/ SUBM DATE: 08Apr64

jw
Card 2/2

SYUBAROVA, E. P.

20908 Syubarova, E. P. Novyye sorta sliv dlya Belorussii. Sad i ogorod, 1949, No. 6, s. 30-32

SO: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949

SYUBAROVA, E. P. 1 Aug 50

USSR/Biology - Plants, Nutrition

"Feeding of Fruit Trees by Spraying With a Diluted Balanced Nutrient Solution," T. N. Godnev, Act Mem Acad Sci Belorussian SSR, N. S. Sudnik, E. P. Syubarova

"Dok Ak Nauk SSSR" Vol LXXIII, No 4, pp 835, 836

Discusses favorable results of spraying 3-mo old hybrid seedlings of the prune, Prunus domestica L., and the pear, Pirus communis L., with balanced nutrient soln made by adding to 6 liters of water following amounts of salts in grams: $Ca(NO_3)_2$ 120, Kh_2Po_4 69, $Mg\ So_4$ $7H_2O$ 60, H_3Bo_3 3.66, $MnGl_2$ $4H_2O$ 2.33, $CuSO_4$ $5H_2O$ 0.33, $ZnSO_4$ 0.33, $Al_2(SO_4)3$ 0.33, $Co(NO_3)2$, $6H_2O$ 0.33, $NisO_4$ $6H_2O$ 0.33, KI 0.17, KBr 0.17, and $Sn(NO_3)_2$ 0.17 and then dilg before use by putting 10 cc in 10 liters of water. Two Tables of test data.

176T8

SIUBAROVA, YE. P.

Pear

Slutsk Bera, an old variety of pears attracts attention., Sad i og., no. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1952, Uncl.

SYUBAROVA, E. P.

Selection of pear varieties under the [climatic] conditions of White Russian S.S.R. E. P. Syubarova and N. I. Mikhnevich. *Vestri Akad. Navuk Belarus. S.S.R.* 1954, No. 2, 33-56.—Over 140 different varieties and hybrids of pear trees grown in White Russia are described (frost resistance, yield, morphology of trees and fruits). Chemically, the fruits are characterized by total acidity 0.03–0.53, invert sugar 5.21–9.46, and sucrose 0.38–5.22%. E. Wierbicki

SYUBAROVA, E. P.

ZAYETS, V.K., kandidat sel'skokhozyaystvennykh nauk; VEN'YAMINOV, A.N.; YENIKEYEV, Kh. K.; RYABOV, I.N.; KOSTINA, K.F.; PINAYEV, Ye. P.; SYUBAROVA, E.P.; VASIL'YEV, K.V.; PROTASEVICH, L.A.; CHERNYATENKO, A.S.; OL'YANISHCHEV, M.M.; ORATOVSKIY, M.T.; DUKA, S.Kh.; SINITSYNA, N.S., redaktor; SOKOLOVA, N.N., tekhnicheskiy redaktor

[Breeding stone fruits; collection of articles] Selektsiia kostochkovykh kul'tur; sbornik statei. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 278 p. (MLRA 10:4)

1. Moscow, Nauchno-issledovatel'skiy institut sadovodstva imeni I.V. Michurina.
(Fruit culture)

SYUBARAVY, E.P.

SYUBARAVY, A.Ye.; SYUBARAVY, E.P.

Academician V.V. Pashkevich and his work in the field of fruit culture in White Russia. Vestsi AN BSSR. Ser. biial. nav. no.4: 117-121 '56. (MLRA 10:6)

(Pashkevich, Vasillii Vasil'evich, 1857-1939)

GODNEV, T.N.; SUDNIK, N.S.; SYUBAROVA, E.P.

Periodical fertilizing of fruit trees in the light of the theory of phasic development. Uch.zap.BGU no.26:153-157 '56. (MLRA 10:9)
(Fertilizers and manures) (Fruit culture)

SYUBAROVA, E.P.

BRODSKIY, V.V.; VOLUZNEV, A.G.; DUSHCHINSKAYA, A.G.; SYUBAROVA, E.P.
KAZACHENOK, V., redaktor; KALECHITS, G., tekhnicheskiy redaktor

[Concise manual for fruit growers] Kratkii spravochnik sadovoda. Minsk, Gos.izd-vo BSSR, 1957. 329 p. (MLRA 10:8)
(Fruit culture)

SYUBAROV, AlekseyYefimovich; SYUBAROVA, Emma Petrovna; KHABENKO, Kirill Kalinkovich; VOLUZNEV, Anatoliy Grigor'yevich. Prinimal uchastiye MIKHNEVICH, N.I., mladshiy sotr.; KAZACHENOK, V., red.; KALECHITS, G., tekhn. red.

[Promising fruit and berry varieties of the White Russian S.S.R. and their regional adaptation] Raionirovannye i perspektivnye sorta plodovykh i iagodnykh kul'tur Belorusskoi SSR. By A.E.Siubarov i dr. Minsk, Gos. izd-vo BSSR. Red. sel'khoz. lit ry, 1960. 321 p. (MIRA 14:9)

(White Russia--Fruit--Varieties)

BRODSKIY, Vitaliy Vladimirovich; VOLUZNEV, Anatoliy Grigor'yevich; DUSHCHINSKAYA, Aleksandra Georgiyevna; SYUBAROVA, Emma Petrovna; LAZARCHIK, K., red.; ZEN'KO, M., tekhn. red.

[Concise manual for the fruit grower]Kratkii spravochnik sadovoda. [By]V.V.Brodskii i dr. 3., ispr. i dop. izd. Minsk, Gos.izd-vo sel'khoz.lit-ry BSSR, 1962. 353 p. (MIRA 16:3)
(Fruit culture)

SYUDAKSKIY, K. N.

36717. Odnokomponentnyy Dinamometr Konstruktsii Avtora. Sbornik Trudov Tbilis. In-Ta Inzhenerov Zh. - D, Transporta Im Lenina, XVII-XVIII, 1948 s 619-23.

SO: Letopis' Zhurnal'nykh Statey Vol. 50, Moskva, 1949

[redacted], V.[redacted]; [redacted], A.[redacted]; [redacted], A. [redacted]

New method of determining zinc. Trudy kont. met. no.14:259-261 '62 (MIRA 17:8)

L 43640-65 EPA/EPF(c)/EPR/EPA(s)-2/EWA(c)/EWT(m)/T Pr-4/Ps-4/Pt-7 WW/JW/WE

ACCESSION NR: AP5005302 S/0096/65/000/003/0086/0089

H 37 36 B

AUTHOR: Syuch, E. (Engineer); Balog, E.

TITLE: How the interaction between primary and secondary air jets affects the position of a flame

SOURCE: Teploenergetika, no. 3, 1965, 86-89

TOPIC TAGS: flame control, air flow, combustion research, burner design

ABSTRACT: The shape of a gas flame from a slotted burner is studied when the angle between the air jets is varied. In the type of burner used in the experiments (see fig. 1 of the Enclosure), the position of the flame can be changed only by changing the angle of the secondary air jets. Methane was used as the fuel and the temperature of the secondary air was 20°C. The output cross section of the primary jet was 13 × 38 mm (4.94 cm^2), while that of the secondary jet was variable from 2.5 to 11 × 38 mm (1.52-4.16 cm^2). The angle of the secondary jet could be changed within limits of ±20°. In carrying out the experiments, the Töpler method was used together with photographs of the flame, which gives a good qualitative picture of the

Card 1/3

L 43640-65

ACCESSION NR: AP5006302

flame jet structure and of the effect which changes in aerodynamic conditions have on this structure. It was found that the position of the flame jet can vary only at definite ratios between the pulse frequencies of the primary and secondary air flows. From this standpoint, it was advisable in the type of burner design studied to reduce the area of the input for the secondary air jet, increasing the rates of flow. The results obtained are applicable to powdered fuel only when combustion takes place in an enclosed space due to the difference between ignition conditions for powdered fuel and gas. Orig. art. has: 8 figures, 4 tables.

ASSOCIATION: Vengerskiy elektroenergeticheskiy nauchno-issledovatel'skiy institut, Budapest (Hungarian Scientific Research Institute of Electric Power Engineering)

SUBMITTED: 00 ENCL: 01 SUB CODE: FP

NO REF SOV: 001 OTHER: 003

Card 2/3

L 43640-65

ACCESSION NR: AP5006302

ENCLOSURE: 01

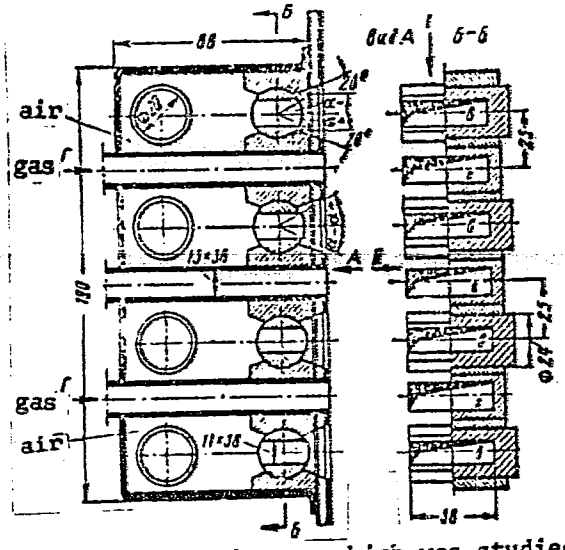


Fig. 1. Design of the burner which was studied.

Card 3/3

M-3

USSR / Cultivated Plants. Grains.

Abs Jour: Ref Zhur-Biol., 1958, No 16, 72896.

Author : Syuch, M.
Inst : Moscow Agricultural Academy imeni E. A. Timiryazev.
Title : Influence of Moisture Charging and Vegetation Irrigation on the Harvest of Spring Wheat in Zavolzh'ye.

Orig Pub: Sb. stud. nauchno-issled. rabot Mosk. s.-kh. akad. im. K. A. Timiryazeva, 1957 (1958), vyp. 7, 223-230.

Abstract: No abstract.

Card 1/1

L 10733-65 EPA(s)-2/EWT(m)/EPF(n)-2/EWP(b) Pt-10/Pu-4 WW/MJW/JD/JG/MLK

ACCESSION NR: AT4045992 S/0000/64/000/000/0034/0040

AUTHOR: Syuch, P.; Kashin, V. I.; Okorokov, G. N.; Samarin, A. M. (Corresponding member AN SSSR)

TITLE: Effect of vacuum-arc melting on the quality of R18 high-speed steel

SOURCE: AN SSSR. Institut metallurgii. Issledovaniya metallov v zhidkom i tverdom sostoyaniyakh (Research of metals in liquid and solid states). Moscow, Izd-vo Nauka, 1964, 34-40

TOPIC TAGS: high speed steel, R18 high speed steel, steel vacuum arc melting, vacuum melted steel, vacuum melted steel property

ABSTRACT: R18 high-speed steel was melted in a consumable-electrode vacuum-arc furnace at 10^{-3} mm Hg. Steel ingots 75 mm in diameter were furnace cooled, annealed at 830—840C for 2.5 hr, slowly cooled, and then forged at 950—1150C. Forgings were annealed at 840C for 2.5 hr. Metallographic examination, chemical analyses, and various tests showed that vacuum-arc melting substantially reduces the content of nonmetallic inclusions, eliminates chain-like inclusions, and

Card 1/2

L 10733-65
ACCESSION NR: AT4045992

lowers oxygen and nitrogen content by 50—60% and 15—30%, respectively. No loss of alloying element was observed except a 15% loss in the manganese content. Carbide inhomogeneity decreased substantially. Grain size of vacuum-melted steel was smaller, and mechanical properties were 10—12% higher. No change in red hardness was observed. At a cutting speed of 30 m/min, the wear of vacuum-melted steel tools remained the same as that of conventionally melted steel, but at 50, 60, or 70 m/min the speed was found to be somewhat lower. Orig. art. has: 9 tables.

ASSOCIATION: none

SUBMITTED: 18May64 ATD PRESS: 3117 ENCL: 00

SUBCODE: MM NO REF SOV: 007 OTHER: 001

Card 2/2

BRODSKIY, Vladimir Vital'yevich; VOLUZNEV, Anatoliy Grigor'yevich; DUSHCHINSKAYA, Aleksandra Georgiyevna; SYUDAROVA, Emma Petrovna; KAZACHENOK, V., red.; KALECHITS, G., tekhn. red.

[Concise handbook for the fruit grower] Kratkii spravochnik sadavoda. Izd.2. Minsk, Gos.izd-vo BSSR. Red. sel'khoz. lit-ry, 1961. 343 p. (MIRA 15:1)
(Fruit culture--Handbooks, manuals, etc.)

SYUDMAK, N.V.; PIL', Yu.F.; VARSHAVSKAYA, K.A.

Trilonometric determination of calcium and magnesium in blood serum. Vrach. delo no.11:110-113 N '61. (MIRA 14:11)

1. Rovenskoye obllechsanupravleniye i kafedra pochvovedeniya zav. - dotsent Yu.F.Pil') Ukrainskogo instituta inzhenerov vodnogo khozyaystva.

(BLOOD--ANALYSIS AND CHEMISTRY)
(CALCIUM IN THE BODY) (MAGNESIUM IN THE BODY)

SYUDMAK, N.V.; GUYTER, M.I.; KONDRATCHUK, L.K.

Complexonometric determination of calcium and magnesium in blood serum and other biological fluids. Lab. delo no.9:556-561 '64. (MIRA 17:12)

1. Rovenskaya gorodskaya bol'nitsa (glavnyy vrach S.Z. Khashman).

AUTHORS: Sveklo, V. A., Syukiyaynen, V. A. 20-119-6-18/56

TITLE: The Diffraction of a Plane Elastic Wave by an Angle (Difraktsiya ploskoy uprugoy volny otnositel'no ugla)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 119, Nr 6, pp. 1122 - 1123 (USSR)

ABSTRACT: Let a plane with a cut-out angle ($\alpha < \pi$) be filled with an elastic medium. At the moment $t = 0$ a plane longitudinal wave strikes the vertex of the angle, causing a diffraction disturbance. The problem is here solved on the condition, that no tangential stresses occur in the side faces of the angle and no components of the vector of elastic displacement at right angles to the boundary. The corresponding conditions, which are given mathematically represent adhesion without friction. On these boundary a plane longitudinal elastic wave (striking the boundary) causes no reflected plane transverse wave. Therefore only a longitudinal disturbance can occur after the impact of the incident wave with the vertex of the angle. Therefore the diffraction disturbance will be of a longitudinal nature within a certain given sector. One boundary condition follows from the other on each side of the angle. Hence, the problem is reduced

Card 1/2

to the determination of the longitudinal potential within the potential φ. This potential satisfies the wave equation $\partial^2\varphi/\partial x^2 + \partial^2\varphi/\partial y^2 = (1/a^2)\partial^2\varphi/\partial t^2$, if the normal derivative of φ equals zero on the sides of the angle. This problem was already solved by S. L. Sobolev (Reference 1) by means of elementary functions. The author finally writes down explicit expressions for $\varphi(x,y,t)$ as well as for the displacements and the stresses. There are 1 figure and 1 reference, 1 of which is Soviet.

ASSOCIATION: Petrozavodskiy gosudarstvennyy universitet (Petrozavodsk State University)

PRESENTED: December 31, 1957, by L. I. Sedov, Member, Academy of Sciences, USSR

SUBMITTED: June 7, 1957

ACC NR: AT7005782 SOURCE CODE: UR/2807/66/000/238/0003/0018

AUTHORS: Kukk, P. L.; Syugis, A. Yu.; Varvas, Yu. A.; Lippmaa, E. T.

ORG: none

TITLE: Investigation of the noise spectrum of polycrystalline cadmium sulfide

SOURCE: Tallinn. Politekhnicheskiy institut. Trudy. Seriya A, no. 238, 1966. Sbornik statey po khimii i khimicheskoy tekhnologii (Collection of articles on chemistry and chemical engineering), no. 15, 3-18

TOPIC TAGS: noise spectrum, noise, photoelectric effect, photoresistor, photodiode, photoconductor, cadmium sulfide / S-092 photoresistor

ABSTRACT: The noise spectrum of polycrystalline cadmium sulfide photoresistor S-092 was investigated. This work supplements the results of Yu. A. Varvas and P. L. Kukk (Trudy TPI, seriya A, No. 230, str. 109, 1965). A brief literature survey of pertinent papers dealing with the theory of experimental determination of noise in CdS photoresistors is presented, and a schematic of the experimental installation is included. The experimental results are shown graphically (see Fig. 1). It was found that the noise photocurrent in the resistor S-092 may be represented by the expression

$$S_i = \text{const.}\, U^{\gamma} \varphi^{\beta} f^{-\alpha},$$

UDC: 621.315.592

Card 1/2

SHIROKSHINA, Z.V.; SYUKOVSKAYA, N.V.

Properties of tungsten hexachloride alcohol solutions and films produced from them. Zhur.prikl.khim. 33 no.5:1001-1008 My '60. (MIRA 13:7)

(Tungsten chloride)

SYUL'ZYAKOV, T.

Builders of the "Bolshevik" collective Farm are doing good work. Sel'.stroi. 14 no.8:10 Ag '59. (MIRA 12:12)

1. Redaktor kolkhoznoy gazety "Za urozhay."
(Pokhvistnevo District--Farm buildings)

FROLOV, V.; SYUL'ZYAKOV, T. (selo Styukhino, Pokhvistnevskogo rayona, Kuybyshevskoy obl.); TOLSTONOG, Ya., inzh.-ekonomist

Readers' letters. Sel'. stroi. 16 no.1:29-30 Ja '62. (MIRA 16:1)

1. Glavnyy mekhanik Soveta Kurganskoy oblastnoy mezhkolkhoznoy stroitel'noy organizatsii (for Frolov).
(Construction industry)

TUPKIN, V., inzh.; SYUMKIN, A., inzh.; KLEPFER, G., inzh.

Some problems of construction practice in Chelyabinsk. Zhil. stroi. no.10:10-11 '65. (MIRA 18:11)

SOV/137-58-8-16333

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 8, p 14 (USSR)

AUTHOR: Syumkin, N.

TITLE: Introduction of Platinum Immersion Thermocouples to Measure the Temperature of Molten Metals (Vnedreniye platinovykh termopar pogruzheniya dlya opredeleniya temperatury rasplavlennykh metallov)

PERIODICAL: Tekhn.-ekon. byul. Sov. nar. kh-va Chelyab. ekon. administrat. r-na, 1957, Nr 2, pp 28-29

ABSTRACT: A description is offered of the design of Pt/Pt-Rh immersion thermocouples developed at the Chelyabinsk Metallurgical Plant for an electric steel-foundry shop, the results of its employment, and its technical characteristics as compared with those of an identical thermocouple at the Kuznetsk Metallurgical Kombinat.

M.L.

1. Thermocouples--Design 2. Platinum--Properties 3. Platinum --Performance 4. Metals (Liquid)--Temperature

Card 1/1

KAYBICHEVA, M.N.; TARNOVSKIY, G.A.; GILEV, Yu.P.; BORNOVALOV, M.A.; SHATALOV, M.I.; LANDE, P.A. [deceased]; SYUMKIN, N.I.; BEKISHEV, Yu.A.

Temperature conditions for the resistance of the lining of large capacity electric furnaces at the Chelyabinsk Metallurgical Plant. Stal' 23 [i.e. 24] no.4:324-328 Ap '64. (MIRA 17:8)

1. Vostochnyy institut ogneuporov i Chelyabinskiy metallurgicheskiy zavod.

ZHURNAKOVA, M.A., doktor veterin.nauk; MALYGIN, V.I., nauchnyy sotrudnik; BORISENKOVA, A.N., nauchnyy sotrudnik; SHORSHNEV, V.I., aspirant; SYUMKINA, G.V.

Allergy in hens without tuberculosis lesions. Veterinariia 41 no.3:38-40 Mr '65. (MIRA 18:4)

1. Leningradskiy nauchno-issledovatel'skiy veterinarnyy institut (for Zhurnakova, Malygin, Borisenkova, Shorshnev).
2. Glavnyy veterinarnyy vrach sovkhoza "Pudost'", Gatchinskoye proizvodstvennoye upravleniye, Leningradskaya oblast' (for Syumkina).

YEGOROV, I.F.; SYUMMAK, Ye.V.; KATSNEL'SON, N.Ye., red.; GURDZHIYEVA, A.M., tekhn. red.

[Loose housing of cattle; from the practices of the "Serebrianskii" State Farm in Luga District, Leningrad Province] Bespriviaznoe soderzhenie skota; iz opyta sovkhoza "Serebrianskii" Luzhskogo raiona Leningradskoi oblasti. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1962. 21 p. (MIRA 16:7)

(Dairy barns)

VOLKOV, Mikhail Ivanovich, prof.; BORSHCH, Ivan Mikhaylovich, dots.; KOROLEV, Igor', Vasil'yevich, dots. Prinimal uchastiye GRUSHKO, I.M., kand. tekhn. nauk; KALERT, A.A., prof., retsenzent; LYSIKHINA, A.I., kand. tekhn. nauk, retsenzent; RUDENSKAYA, I.M., retsenzent; SYUN'I, G.K., retsenzent; TOMACHINSKIY, V.N., st. prepod., retsenzent; YEGOZOV, V.P., inzh., red.

[Road materials] Dorozhno-stroitel'nye materialy. Moskva, Transport, 1965. 521 p. (MIRA 18:9)

KORETSKIY, Ya., inzh.; SYUNDYUKOV, B., inzh.

Cellular materials are insulation for roofs of industrial buildings. Na stroi. Ros. 3 no.1:28 Ja '62. (MIRA 16:5)

1. Trest Gor'kovgesstroy.
(Insulated materials) (Roofs)

SYUNDYUKOV, A. Z.

26994. YUSUPOVA, S. I., SYUNDYUKOV, A. Z., Stepen razrushennosti polevykh shlaton v razlichnykh svitakh verkhne-tretichnykh tolshch.-V ogl. 2-y Avt: A. Z. syundyukov. Soobshch. Tadzh. Filiala akad. Nauk SSSR, VYP. 16, 1949, s. 14-15.

SO: Letopis' Zhurnal'nykh Statey, Vol. 36, 1949

SYUNDYUKOV, A. Z.

USSR/ Geology

Card 1/1 : Pub. 22 - 39/46

Authors : Syundyukov, A. Z.

Title : Yields of the salt-bearing Jurassic era deposits in the Kulyabsk region of south-western Tadzhikistan

Periodical : Dok. AN SSSR 97/4, 723-724, Aug 1, 1954

Abstract : Brief report on the yield of the salt-bearing Jurassic era stratum in the Kulyabsk region of south-western Tadzhikistan-SSR. Two USSR references (1935 and 1949).

Institution : Acad. of Sc. USSR, Bashkir Branch, Mining-Geological Institute

Presented by : Academician D. V. Nalivkin, May 7, 1954

SYUNDYUKOV, A.Z.

Structure of some salt domes in southwestern Tajikistan and their oil bearing prospects. Izv. Otd. est. nauk AN Tadzh. SSR no.1:3-8 '58. (MIRA 12:1)

1. Institut geologii AN Tadzhikskoy SSR.
(Tajikistan--Salt)
(Tajikistan--Petroleum geology)

OLLI, A.I.; SYUNDYUKOV, A.Z.

Characteristics of some conglomerate-type limestones in the upper Devonian of the Ishtuganovo structure in Bashkiria. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no.4:90-97 '59. (MIRA 14:6)

(Bashkiria—Limestone)

SYUNDYUKOV, A.Z.

Oil potential of the upper Famennian sedime ts in western Bashkiria. Vop.geol.vost.okr.Rus.platf.i IUzh.Urala no.6:49-54 '60. (MIRA 14:7)
(Bashkiria--Petroleum geology)

SYUNDYUKOV, S. M.

Syundyukov, S. M.

"Problems of the density and of the artificial packing of alluvial sandy hydraulic-engineering structures." In Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1956 (Dissertation for the degree of Candidate in Technical Science)

Knizhnaya letopis'
No. 25, 1956. Moscow

KOSTYLEV, S.A., inzh.-geolog; DEVYATOV, V.G., inzh.-gidrotekhnik; SPASOLOMSKIY, V.V.; SYUNDYUKOV, G.M., dotsent, kand. tekhn. nauk

Deformations in the structures of buildings caused by inadmissible settling of foundations, and the reasons for their origin. Sbor. trub. Inzh.-stroi. fak. Chel. politekh. inst. no.3:183-198 '63. (MIRA 17:9)

1. Glavnyy inzh. proyektnogo instituta Chelyabinskgorproyekt (for Spasolomskiy).

DUDENKO, Ivan Yefimovich; SYUNDYUKOV, Khabi, kand. sel'skokhozyaystvennykh nauk; GORDIYENKO, N.S., kand. sel'skokhozyaystvennykh nauk, red.; SHERMAN, R.N., red.; KOZLOV, S.B., tekhn. red.

[Corn constitutes collective farm wealth] Kukuruza - kolkhoznoe bogatstvo. Pod red. N.S. Gordienko. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 11 p. (MIRA 11:7)

1. Predsedatel' kolkhoza imeni Molotova Ruzayevskogo rayona Kokchetavskoy oblasti (for Dudenko).
(Kazakhstan--Corn (Maize))

SYUNDYUKOV, KH. KH.

USSR/Soil Science - Cultivation, Amelioration, Erosion. J-4

Abs Jour : Ref Zhur - Biol., No 2, 1958, 5805

Author : Syundyukov, Kh. Kh., Onisko, N.F.

Inst : VASKhNIL

Title : Soil Cultivation for the Fourth Crop After Plowing Up to Virgin Land and Long-Fallow Land.

Orig Pub : Dokl. VASKhNIL, 1956, No 11, 3-8

Abstract : On the medium-humus chernozems of Ruzayevskiy rayon, Kokchetavskaya oblast', in 1953 and 1954, the effectiveness of soil tillage for Gordeiform 10-type hard wheat was tested. The moisture regime which was most favorable for the crop and gave the least amount of weeds was produced by moldboard plowing at a depth of 20-22 cm. On plots plowed without the moldboard, as on soil plowed with a shallow disc-plow, there were a lot of weeds, and the wheat yield was lowered.

Card 1/1

USSR/Soil Science. Cultivation, Melioration, Erosion J

Abs Jour : Ref Zhur-Biol., No 13, 1958, 58339, By T.D.Morosova

Author : Syundyukov Kh. Kh.
Inst : Not given
Title : Principles of the Cultivation of Virgin Soil

Orig Pub : Agrobiologiya, 1957, No5, 143-148

Abstract : In working experiments on chernozems in Ruzayevskiy Rayon, Kokchetavskaya Oblast the cultivation of the soil for the planting of spring wheat with a plow equipped with a foreplow, produced better results than nonterraced plowing and disking. Chernozems poor in humus should be plowed at a depth of 20 to 22 cm; with an average humus content--to a depth of 23 to 25 cm. In plowing long idle soil with plants having many roots and shoots the foreplow should be set

Card 1/2

SYUNDYUKOV, Kh.Kh.

YUNDYUK[illegible], Kh., kandidat sel'skokhozyaystvennykh nauk.

Efficient use of new lands. Zemledelie 5 no.8:12-14 Ag '57.
(MLRA 10:9)

(Kazakhstan--Agriculture)

SYUNDYUKOV, Kh.Kh., kand. sel'skokhozyaystvennykh nauk.

Experience in harvesting by separate stages in Kokchetav Province.
Zemledelie 6 no.7:65-68 Jl '58. (MIRA 11:6)
(Kokchetav Province--Grain--Harvesting)

SYUNDYUKOV, Kh.Kh., kand.sel'skokhozyaystvennykh nauk

Influence of seedbed preparation on spring wheat yield in northern Kazakhstan. Dokl. Akad. sel'khoz. 23 no.4:7-9 '58. (MIRA 11:5)

1.Institut zemledeliya imeni V.R. Vil'yamsa. Predstavleno akademikom I.V. Yakushinym.

(Kazakhstan--Wheat)

30(1) SOV/31-59-2-2/17

AUTHOR: Syundyukov, Kh. Kh., Candidate of Agricultural Sciences

TITLE: Agrotechnical Basis for Greater Fertility of Virgin and Fallow Lands (Agrotekhnicheskaya osnova povysheniya plodorodiya tselinnykh i zalezhnykh zemel')

PERIODICAL: Vestnik Akademii nauk Kazakhskoy SSR, 1959, Nr 2, pp 15 - 20 (USSR)

ABSTRACT: This article examines the problem of raising the fertility of newly culitvated virgin and fallow lands in northern Kazakhstan by adequate cultivation. It has been determined that these lands, notwithstanding a high content of organic residues, are not very productive. Beneath the humus stratum, the soil is compact and largely anaerobic, and the mineral substances occurring there are often complicated compounds, which even prove harmful to many plants. Therefore, despite huge reserves of organic matter, the quantity of nitrates in the

Card 1/3

Agrotechnical Basis for Greater Fertility of Virgin and Fallow Lands

soil is inconsiderable. The chief reason, however, for low productivity, is lack of water. The spring reserves of water vaporize rapidly and the same occurs in summer, as the rainfalls cannot penetrate the compact sub-stratum. On the basis of experiments, the author affirms that the compound cultivation method is the best solution. This method requires a plough, a battery of a disk stubble plough and a "zigzag" harrow. The plough with its coltors furrows the soil and the breaker equipment following the plough, processes the surface of the furrowed soil. Consequently, the soil while remaining compact becomes well loosened and empty cavities formerly existing between humus and subsoil disappear. Due to the contiguity of the two layers, subsoil moisture rises to the loosened stratum. The subsoil moisture is also preserved in the fallow land during drought years, and organic matter can decompose under anaerobic conditions. The author

Agrotechnical Basis for Greater Fertility of Virgin and Fallow Lands

also mentions several scientists: V.V. Dokuchayev, who described the features of West-Siberian soils; M.I. Rubinshteyn; the Academician T.D. Lysenko, who stated that the results of activity of soil micro-organisms transform various elements of organic and inorganic life; Professor V.A. Frantsesson, who thinks that after cultivation, systematic soaking and drying of the soil is the best means of amelioration. Moreover, the author refers to experiments carried out in North-Kazakhstan by two Kazakh scientific institutes, i.e. the Institut zemledeliya Kazakhskoy akademii sel'skokhozyaystvennykh nauk (Institute of Agriculture of the Kazakh Academy of Agricultural Sciences) and the Institut udobreniy i agrotekhniki VASKhNIL (Institute of Fertilizers and Agrotechnics VASKhNIL). There are 4 tables and 6 Soviet references.

SYUNDYUKOV, Kh.Kh., kand.sel'skokhoz.nauk

Cultivation of virgin and waste lands in North Kazkhstan.
Zemledelie 8 no.1:48-57 Ja '60. (MIRA 13:4)

1. Nauchno-issledovatel'skiy institut zemledeliya imeni V.R.
Vil'yamsa Kazakhskoy akademii sel'skokhozyaystvennykh nauk.
(North Kazakhstan Province--Agriculture)

SYUNDYUKOV, Kh.Kh., kand.sel'skokhozyaystvennykh nauk

Using disk cultivators and rollers on virgin and waste land sod after plowing. Zemledelie 23 no. 2:27-28 F '61.
(MIRA 14:2)

(Tillage) (North Kazakhstan Province--Reclamation of land)

SYUNDYUKOV, Kh.Kh., kand.sel'khoz.nauk

Agriculture of Mongolia. Zemledelie 23 no.8:92-95 Ag '61. (MIRA 14:10)

(Mongolia--Agriculture)

SYUNDYUKOV, Kh. Kh., Engineer Cand. Tech. Sci.

Dissertation: "Investigation of the Technological-Operational Parameters of a Gasoline Locomotive for Lightened Tracks."

7 Mar. 49

Moscow Forestry Engineering Inst.

SO Vecheryaya Moskva
Sum 71

SYUNDYUKOV, Kh.Kh., TRUSOV, V.P.; NOVOSEL'TSEV, N.V., red.; PITERMAN, Ye. L., red. izd-va.; BACHURINA, A.M., tekhn. red.

[Construction and repair train for narrow-gauge railroads; "Lumber industry and forestry" pavilion] Stroitel'no-remontnyi poezd dlia uzkokoleinykh zheleznykh dorog; pavil'on "Lesnaia promyshlennost' i lesnoe khoziaistvo. [Moskva] M-vo lesnoi promyshl. SSSR [1957] 14p. (MIRA 11:11)

1. Moscow. Vsesoyuznaya promyshlennaya vystavka.
(Railroads--Trains)

SOV-118-58-10-9/16

AUTHOR: Syundyukov, Kh.Kh., Candidate of Technical Sciences

TITLE: Mechanizing the Construction of Narrow Gage Railroads (Mekhanizatsiya stroitel'stva uzkokoleynykh zheleznykh dorog)

PERIODICAL: Mekhanizatsiya trudoyëmkikh i tyazhëlykh rabot, 1958, Nr 10, pp 29 - 31 (USSR)

ABSTRACT: Satisfactory results were obtained with the first trial version of a track-laying and disassembling train (SRP-2) designed and constructed by Tsentral'nyy nauchno-issledovatal'skiy institut mekhanizatsii i energetiki lesnoy promyshlennosti (TsNIIME) (the Central Scientific Research Institute of Mechanization and Power Supply of the Lumber Industry) (TsNIIME). The Serial production of this train will start in 1959 at the Kombarskiy Plant of the Udmurt Sovnarkhoz. The use of the SRP-2 train will permit the mechanization of all preparatory and auxiliary operations on narrow gage railways. A detailed description of the model is given. There are 2 photos and 3 diagrams.

1. Railroads--Construction

Card 1/1

SYUNDYUKOV, Kh.Kh., kand.tekhn.nauk; TRUSOV, V.P., kand.tekhn.nauk

Construction and maintenance train of logging railroads. Put' i put.khoz. no.12:27 D '59. (MIRA 13:4)
(Lumber--Transportation) (Industrial railroads--Trains)

SYUNDYUKOV, Kh.Kh., kand.tekhn.nauk

Performance of the narrow-gauge construction and repair train.
Put' i put.khoz. 7 no.9:41-42 '63. (MIRA 16:10)

SYUNDYUKOV, U.M.

Jet piercing of bore and blastholes in rocks of the Andreevka open-pit mine. Trudy Alt. GMNII AN Kazakh. SSR 9:164-166 '60. (MIRA 14:6)

1. Altayskiy gornometallurgicheskiy nauchno-issledovatel'skiy institut AN Kazakhskoy SSR.
(Kazakhstan--Strip mining)
(Boring)

SYUNDYUKOV, U.M., gornyy inzh.

Results of tests of a semi-industrial thermal drilling rig. Gor. zhur no.4: 38-39 Ap '63. (MIRA 16:4)

1. Altayskiy gornometallurgicheskiy institut, Ust'-Kamenogorsk.
(Boring machinery--Testing)

SINDEYEV, P.R.; SYUNDYUKOV, U.M.

Some characteristics of the designing of torches for manual jet piercing. Trudy Alt. GMNII AN Kazakh. SSR 15:123-137 '63.
(MIRA 17:3)

USSR / Human and Animal Morphology (Normal and Pathological). Muscles. S

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 2986

Author : Syundyukova, G. U.
Inst : Bashkir Medical Institute
Title : Internal Structures of Some Supinators and Pronators of the Forearm in Humans

Orig Pub : Sb. nauchn. tr. kafedry normal'n. anatomii. Bashkirsk. med. in-t, Ufa. Bashkirsk. kn. izd-vo, 1957, 72-84

Abstract : Studies were carried out on 51 human cadavers and 2 monkeys and it was demonstrated that the pronator teres is composed of separate muscle bundles (MB) of various lengths. The longest MB are located superficially. The inferior segment of the superficial head and the deep head have a feather-like architecture. One may assume that different portions of the pronator

Card 1/2

USSR / Human and Animal Morphology (Normal and Pathological). Muscles. S

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 2986

teres have different functions. In the pronator quadratus, MB of various lengths and direction are arranged in layers. The superficial layers enter in action as pronators probably before the deeper layers. The bracheal radial muscle is well developed only in humans, and is composed of long MB (of various lengths). The biceps in humans is made of long parallel MB.

Card 2/2

USSR / Human and Animal Morphology (Normal and Pathological). S
Muscles.

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 2992

Author : Lukmanov, S. Z.; Syundyukova, G. U.
Inst : Bashkir Medical Institute
Title : Macroscopic Structure and Innervation of the Quadriceps Muscle of the Femur in Humans

Orig Pub : Sb. nauchn. tr. kafedry normal'n. anatomii. Bashkirsk. med. in-t, Ufa, Bashkirsk. kn. izd-vo, 1957, 140-145

Abstract : It was demonstrated on 10 cadavers that the lateral, middle and medial head of quadriceps muscle of the femur (QMF) are composed of layers of muscle bundles varying in length and direction. The rectus head of QMF is also composed of bundles of various lengths, the shortest one being in the upper portion. One branch of the femoral nerve (FN) goes to the rectus head of QMF

Card 1/2

53

USSR / Human and Animal Morphology (Normal and Pathological). S
Muscles.

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 2992

and divides into upper and lower branches. The medial broad head of QMF also receives the branch from FN, the latter giving off a small branch to the middle head and then dividing into two branches. The lateral head of QMF receives a very strong branch from FN, which, after sending a branch to the middle head, divides into 3 branches. Between branches there are intramuscular anastomoses. The authors suppose that the strong development and complex architecture of QMF, composed of various combinations of muscular and tendinous structures, is related to the vertical position of the body.

Card 2/2

USSR / Human and Animal Morphology (Normal and Pathological). Muscles. S

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 2991

permanent). The long adductor muscle is composed of muscle bundles of various length, is traversed by a large number of tendons and is innervated through an individual branch from the anterior obturator nerve.

Card 2/2

SYUN'I, G.K., dotsent; YEGOROV, S.V., inzhener.

Experience using rubber waste products in asphalt surfaces on the roads of the Ukraine. Avt.dor. 19 no.4:11-12 Ap '56. (MLRA 9:8)
(Ukraine--Pavements, Asphalt)

SYUN'I, G., inzh.; SOKOLOV, V., inzh.

Using reinforced asphalt-concrete in cities. Zhil.-kom. khoz. 8 no.11:16-17 '58. (MIRA 11:12)
(Pavements, Asphalt)